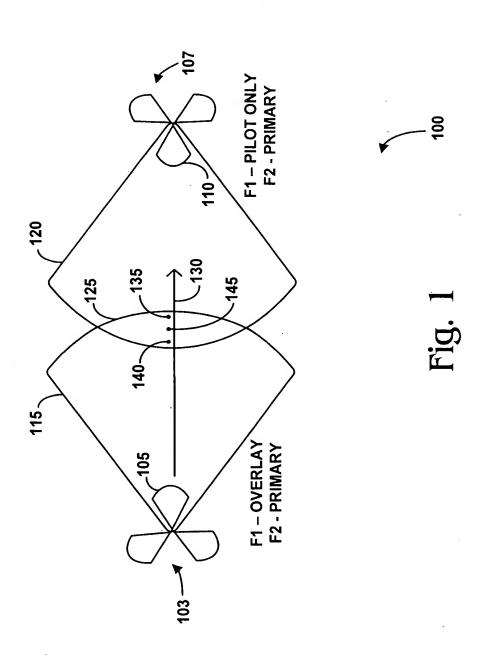S/N: 10/756,959   Filed: 01/13/04
Inventor: Wurtenberger et al.
"Method and System for Improving..."
Sprint # 2369
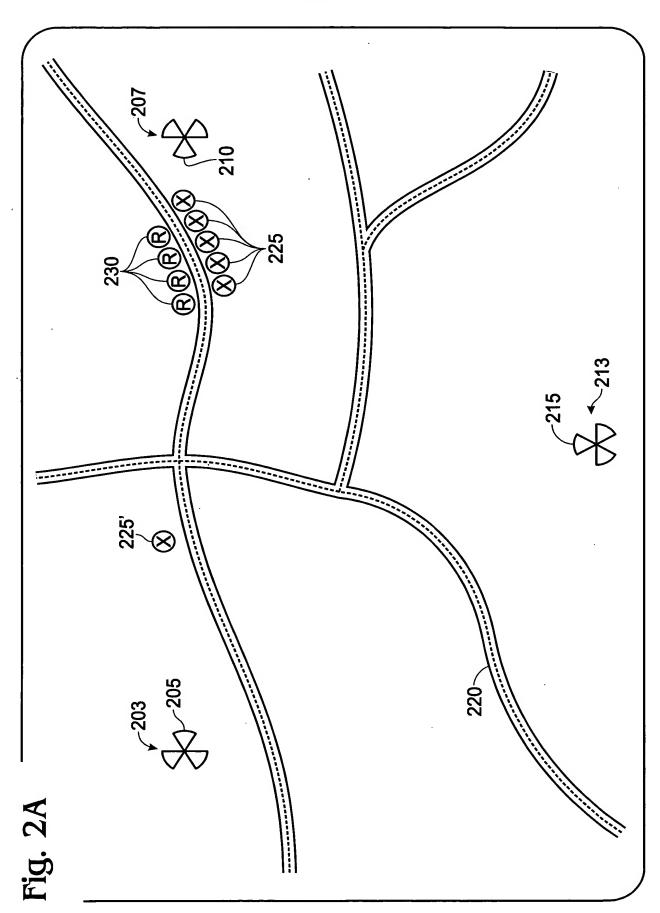1 of 6

Fig. 1

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Fig. 2A

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Fig. 2B

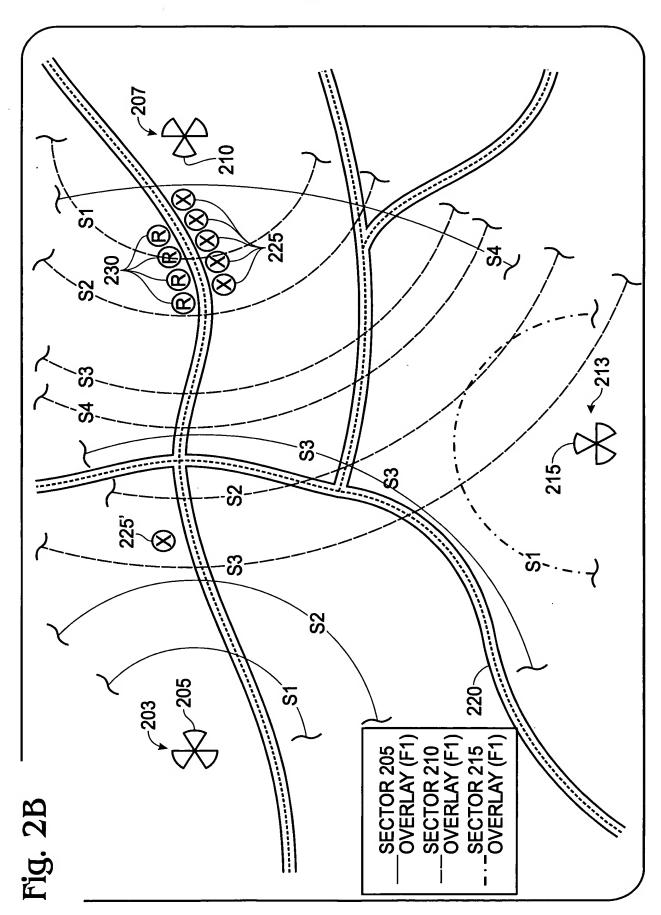|		
SECTOR 205 OVERLAY (F1)		
SECTOR 210 OVERLAY (F1)		
SECTOR 215 OVERLAY (F1)		

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Fig. 2C

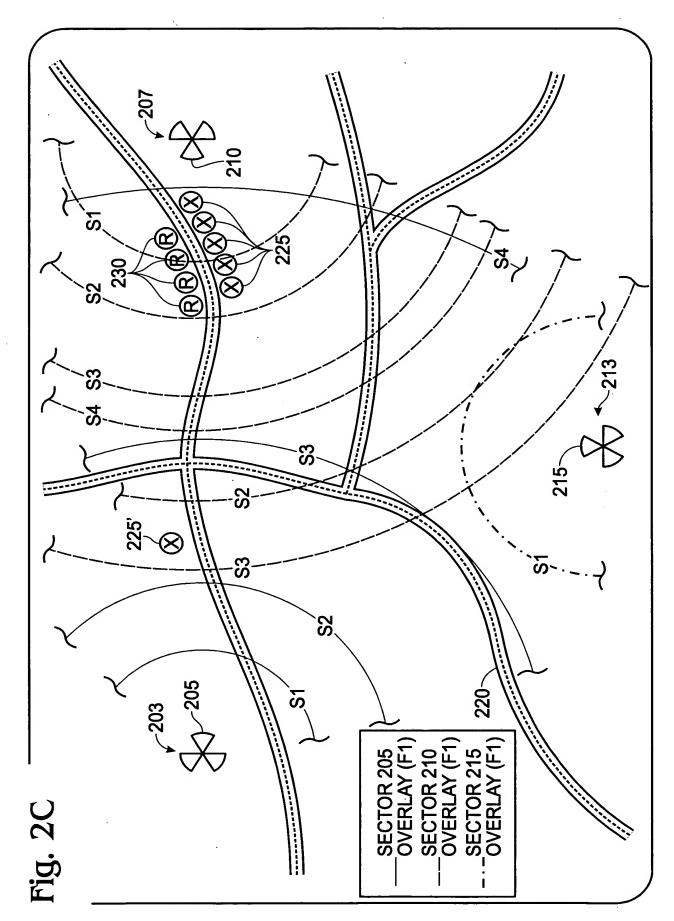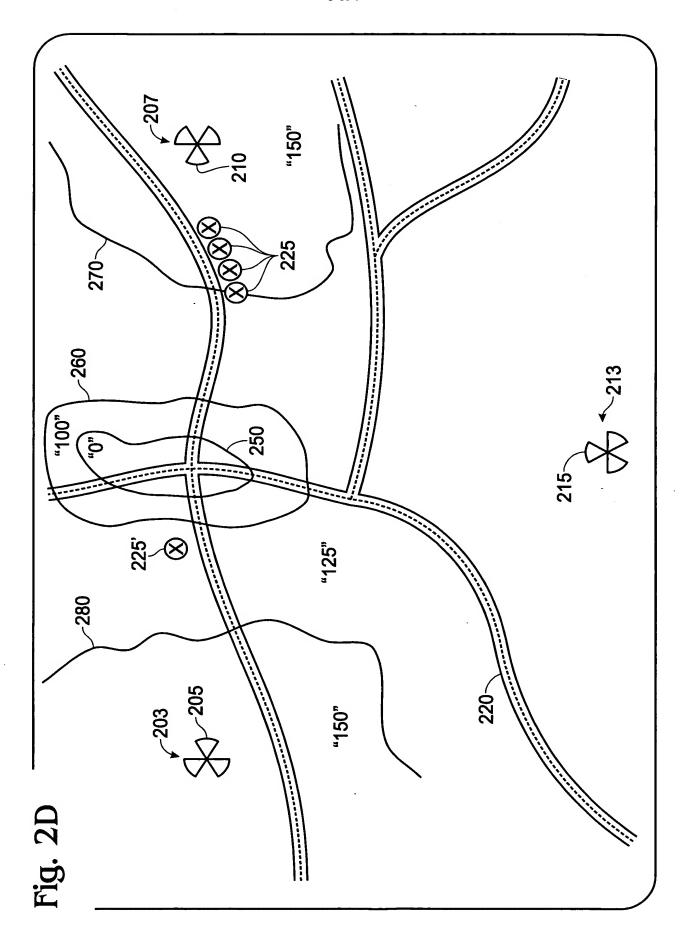| SECTOR 205 OVERLAY (F1)	
SECTOR 210 OVERLAY (F1)	
SECTOR 215 OVERLAY (F1)	

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Fig. 2D

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300

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┌─────────────────────────────────────┐
│  CONDUCT DRIVE TEST TO EMPIRICALLY    │
│  COLLECT PILOT SIGNAL STRENGTH        │
│  INFORMATION USING CDMA PILOT         │  310
│  SIGNAL SCANNER                       │
└─────────────────────────────────────┘
                  │
                  ▼
┌─────────────────────────────────────┐
│  COMMUNICATE PILOT SIGNAL             │
│  STRENGTH INFORMATION FOR PILOT       │
│  SIGNALS CORRESPONDING WITH TWO       │  320
│  OR MORE CELL SITES TO HARD           │
│  HANDOFF IMPROVEMENT TOOL             │
└─────────────────────────────────────┘
                  │
                  ▼
┌─────────────────────────────────────┐
│  FILTER COLLECTED PILOT SIGNAL        │
│  STRENGTH INFORMATION, BASED ON       │
│  PN OFFSETS, TO REMOVE SIGNAL         │
│  STRENGTH INFORMATION NOT             │  330
│  RELATED TO FIRST AND SECOND CELL     │
│  SITES OF INTEREST                    │
└─────────────────────────────────────┘
                  │
                  ▼
┌─────────────────────────────────────┐
│  GENERATE AN OUTPUT DISPLAY           │
│  INCLUDING A FIRST SET OF PREDICTED   │
│  HARD HANDOFF LOCATIONS BASED ON      │  340
│  T_COMP OF A FIRST VALUE              │
└─────────────────────────────────────┘
                  │
                  ▼
┌─────────────────────────────────────┐
│  MODIFY T_COMP TO A                   │
│  SECOND VALUE                         │  350
└─────────────────────────────────────┘
                  │
                  ▼
┌─────────────────────────────────────┐
│  REGENERATE THE OUTPUT DISPLAY        │
│  INCLUDING A SECOND SET OF            │
│  PREDICTED HARD HANDOFF               │  360
│  LOCATIONS BASED ON T_COMP OF THE     │
│  SECOND VALUE                         │
└─────────────────────────────────────┘
```

Fig. 3